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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/534,250	03/09/2006	Hirofumi Akagi	4639-003	4964	
	7590 07/16/200 MAN HAM & BERN	EXAMINER			
1700 DIAGON.		BERHANE, ADOLF D			
SUITE 300 ALEXANDRIA	A, VA 22314	ART UNIT	PAPER NUMBER		
			2838		
		MAIL DATE	DELIVERY MODE		
			07/16/2008	PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary		Aı	plication No. Applicant(s)						
		10	0/534,250	A	AKAGI, HIROFUMI				
		E	caminer		Art Unit				
		Ad	lolf Berhane	2	2838				
: Period for I	The MAILING DATE of this commun Reply	ication appear	s on the cover shee	t with the cor	rrespondence ad	dress			
WHICHI - Extensio after SIX - If NO pe - Failure to Any repl	RTENED STATUTORY PERIOD F EVER IS LONGER, FROM THE M ns of time may be available under the provisions (6) MONTHS from the mailing date of this comminder of the provision of the	AILING DATE of 37 CFR 1.136(a) nunication. atutory period will ap will, by statute, caus	OF THIS COMMU. In no event, however, mapply and will expire SIX (6) Is the application to become	JNICATION. ay a reply be timely MONTHS from the BEABANDONED	y filed e mailing date of this o (35 U.S.C. § 133).	•			
Status									
1)⊠ R	esponsive to communication(s) file	d on <i>03 Dec</i> e	mber 2007						
′=	•		ion is non-final.						
′=		<i>′</i> —		natters prose	ecution as to the	e merits is			
· —	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.								
Disposition	·			,					
		na a na alina ar ina dha	!:+:						
•	Claim(s) <u>1,3-5,7-14 and 16-22</u> is/are pending in the application.								
	4a) Of the above claim(s) is/are withdrawn from consideration.								
· —	5) Claim(s) is/are allowed.								
·	aim(s) <u>1, 3-5, 7-14 and 16-22</u> is/ar	e rejectea.							
·	aim(s) is/are objected to.								
8)L C	8) Claim(s) are subject to restriction and/or election requirement.								
Application	Papers								
9) □ Th	e specification is objected to by the	e Examiner.							
10) <u></u> Th	e drawing(s) filed on is/are:	a)∏ accepte	ed or b)□ objected	to by the Ex	aminer.				
Ap	pplicant may not request that any object	ction to the drav	ving(s) be held in abe	eyance. See 3	37 CFR 1.85(a).				
Re	Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).								
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.									
Priority und	der 35 U.S.C. § 119								
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 									
2) Notice o	f References Cited (PTO-892) f Draftsperson's Patent Drawing Review (P ion Disclosure Statement(s) (PTO/SB/08) o(s)/Mail Date	TO-948)	Paper	ew Summary (P No(s)/Mail Date of Informal Pate	·				

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DETAILED ACTION

1. Applicant's request for reconsideration of the finality of the rejection of the last Office action is persuasive and, therefore, the finality of that action is withdrawn.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- 3. Claims 1, 3-5, 7-14 and 16-22 are rejected under 35 U.S.C. 102(b) as being anticipated by Peterson et al. (6,154,378).

Peterson et al. disclose a polyphase inverter with neutral-leg inductor in Figs. 3a and 3b. A common mode choke (20) connected between alternating current output terminals of the power converter (16) and input terminals of the alternating current circuit (30) and connecting means (32) that connects an outgoing line from a neutral point (312) of the alternating current circuit to a reference potential point having little potential variation at a power source system side of the power converter, resistors (50c) and capacitors (30f).

4. Claims 1, 3-5, 7-14 and 16-22 are rejected under 35 U.S.C. 102(b) as being anticipated by Julian et al. (5,852,558).

Julian et al. disclose a method and apparatus for reducing common mode voltage in multi-phase power converters in Fig. 1. A common mode choke (74, 75, 76, 77) connected between alternating current output terminals of the power converter (20)

and input terminals of the alternating current circuit (22) and connecting means (36) that connects an outgoing line from a neutral point (between 42 and 44) of the alternating current circuit to a reference potential point having little potential variation at a power source system side of the power converter, resistors (26) and capacitors (38).

5. Claims 1, 3-5, 7-14 and 16-22 are rejected under 35 U.S.C. 102(b) as being anticipated by Enjeti et al. (6, 122,184).

Enjeti et al. disclose a method and system for an improved converter output filter for an induction drive system in Fig. 3. A common mode choke (42) connected between alternating current output terminals of the power converter (30) and input terminals of the alternating current circuit (18) and connecting means (between 35 and 46) that connects an outgoing line from a neutral point (35) of the alternating current circuit to a reference potential point having little potential variation at a power source system side of the power converter, resistors (44) and capacitors (46).

Response to Arguments

6. Applicant's arguments with respect to claims 1, 3-5, 7-14 and 16-22 have been considered but are most in view of the new ground(s) of rejection.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Adolf Berhane whose telephone number is 571-272-2077. The examiner can normally be reached on Monday- Friday 8 AM to 6 PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Sherry can be reached on 571-272-2084. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Adolf Berhane/ Adolf Berhane Primary Examiner Art Unit 2838